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in the subject, and those who would know his influence on latter developments in the field of mathematics will do well to read this volume.

The Philosophy of Mathematics. By J. B. SHAW. Chicago: The Open Court Publishing Co. Pp. 206.

The author of this volume aims to reach those readers who have had just an ordinary college training in mathematics and the more difficult parts of the philosophy have therefore been omitted. Such students seldom have any adequate conception of the real fundamentals of mathematics either as to what it is or what it aims to do. Such a work as this volume should do much to improve this condition.

Principles of Secondary Education. By ALEXANDER INGLIS. Boston: Houghton, Mifflin Company. Pp. 741. Price $2.75 net.

This is without doubt one of the most important of recent books on education. The author has shown excellent judgment in bringing together the consensus of prevailing thought on educational topics, and it is both comprehensive and scholarly as well as in clear language.

Every teacher will gain much from reading it.

Junior High School Mathematics, Second Course. By WILLIAM LEDLEY VOSBURG and FREDERICK WILLIAM GENTLEMAN. New York: The Macmillan Company. Pp. x + 212. Price 90 cents.

This is an eighth-grade book, including arithmetic, geometric mensuration, and an introduction to algebra through the use of equations. It follows much the same idea as the First Course, which was reviewed in an earlier issue, emphasizing the useful side of arithmetic and avoiding needless complication and discarded topics.

Plane and Spherical Trigonometry. By LEONARD M. PASSANO. New York: The Macmillan Co. Pp. xv + 141.

The author has written a concise, yet easily used book. It is logically arranged, and, while giving plenty of material for practice, leaves the impression of being short.

Elements of Trigonometry, with Tables. By W. C. BRENKE. New York: The Century Co. Pp. vi + 160.

This book contains, in revised form, the chapters on plane and spherical trigonometry from the author's text-book on "Advanced Algebra and Trigonometry." It covers the usual topics, with a chapter on polar coördinates, complex numbers, hyperbolic functions, etc., and seems especially fitted to students in technical schools.

An interesting device is the giving of answers for all odd numbered exercises, allowing their use as desired.